

82723 Paired - Audio, Control and Instrumentation Cable



For more information please
call

1-800-Belden1

See Put-ups and Colors

Description:

22 AWG stranded (7x30) tinned copper conductors, twisted pairs, Halar® insulation, individually shielded with 100% Beldfoil®, 24 AWG stranded tinned copper drain wire, Flamarrest® jacket. Pairs cabled on a common axis to reduce diameter.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material Trade Name	Halar®
Insulation Material	Thermoplastic Fluoropolymer
Lay Length	1.5 in.
Twists/ft.	8

Pair Color Code Chart :

Number	Color	Number	Color
1	Red & Black	2	Green & White

INNER SHIELD:

Inner Shield Material Trade Name	Beldfoil® (Z-Fold®)
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

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Outer Jacket Material Trade Name	Flamarrest®
Outer Jacket Material	LS PVC - Low Smoke Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.148 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	0°C To +75°C
Bulk Cable Weight	17.5 lbs/1000 ft.
Max. Recommended Pulling Tension	46 lbs.
Min. Bend Radius (Install)	1.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP

FLAME TEST:

UL Flame Test	UL910 Steiner Tunnel
C(UL) Flame Test	FT6

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	8723

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	36 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	43 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	75 pF/ft
Nominal Velocity of Propagation	62 %
Nom. Conductor DC Resistance @ 20 Deg. C	14.7 Ohms/1000 ft
Nom. Inner Shield DC Resistance	16.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.3 Amps per conductor @25°C

NOTES:

Notes	Halar is a trademark of Solvay.
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
82723 8771000	2 PR #22 HLR FS FLMRST	1000	20	NATURAL	C Z
82723 877U1000	2 PR #22 HLR FS FLMRST	U1000	19	NATURAL	O

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82723 877U2000	2 PR #22 HLR FS FLMRST	U2000	38	NATURAL	Z
82723 877U500	2 PR #22 HLR FS FLMRST	U500	10	NATURAL	O

C = CRATE REEL PUT-UP.

O = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR UNREEL CARTONS FROM LENG .

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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